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IMAGERY
ANALYSIS

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PHOTOGRAPHIC INTELLIGENCE REPORT

EXAMPLES OF FIGURE-8

DRIVER-TRAINING COURSES IN
NORTH VIETNAM AND SOUTH CHINA



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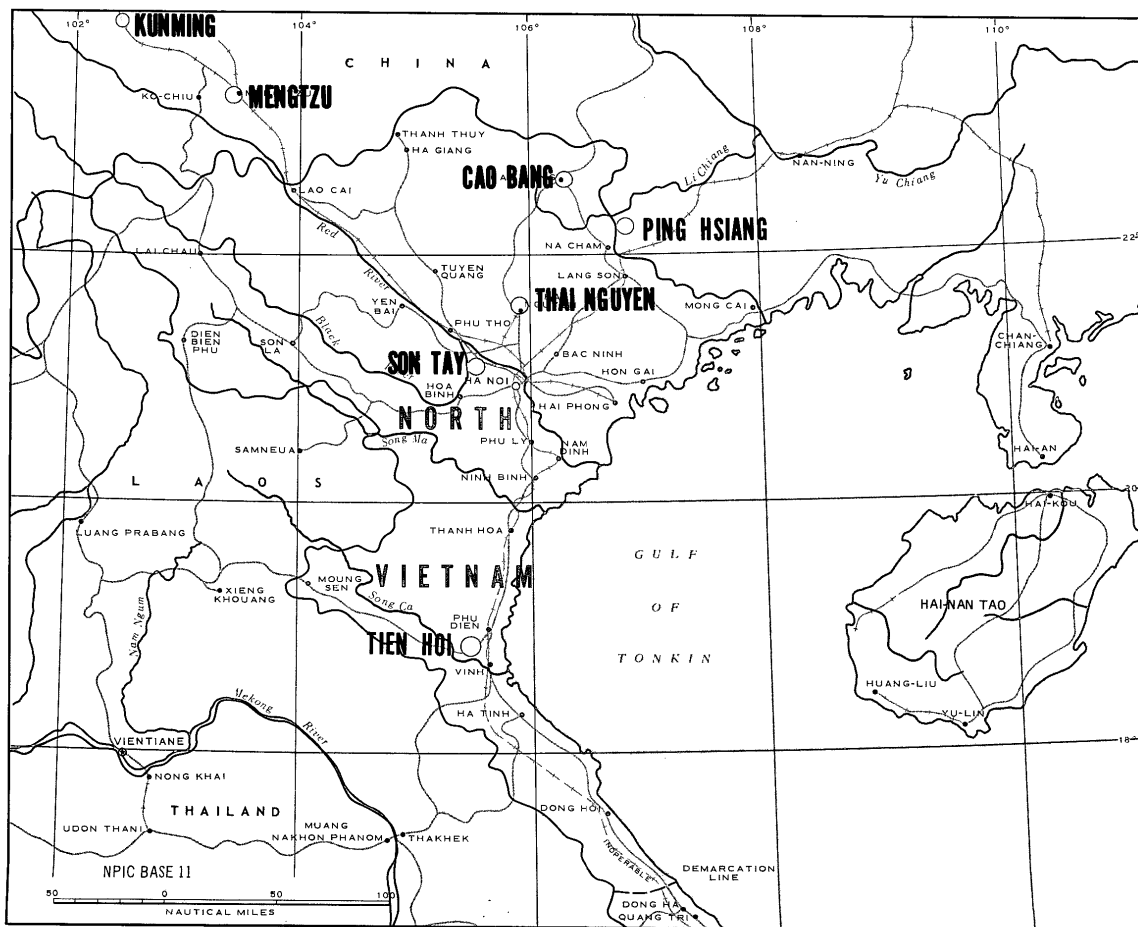
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EXAMPLES OF FIGURE-8
DRIVER-TRAINING COURSES IN
NORTH VIETNAM AND SOUTH CHINA

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Figure 1



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PREFACE

This study was prepared to provide photo derived information for a comparison between the figure-8 driver-training courses in North Vietnam and those in southern China.

The report describes figure-8 driver-training courses at [redacted] Son Tay, North Vietnam (21 13N-105 31E), Thai Nguyen, North Vietnam (22 38N-105 56E), Tien Hoi, North Vietnam (18 56N-105 25E), Kunming, China (20 00N-102 40E), Mengtzu, China (23 22N-103 24E), and Ping Hsiang, China (22 06N-106 46E).

The comparison between the driver-training courses in North Vietnam and southern China reveals the dimensions to be similar. The figure-8 configuration is normally associated with wheeled-vehicle driver-training activity and is not limited to this part of the world.

All mensuration data used in this report are to be considered as approximations only. The photographic intelligence used was derived from [redacted] photography dated [redacted]

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B. Son Tay Figure-8 Driver-Training Courses (Figures 3a and 3b)

The Son Tay Driver-Training Courses are both located 4.0 nm SW of Son Tay. One is collocated with the Son Tay Airfield at 21 06N-105 28E and the second is located 1 nm NW of the airfield at 21 07N-105 27E.

The driver-training courses at the airfield are comprised of numerous figure-8 courses arranged either singly or in groups. Each group is arranged in a chain-like manner with each figure-8 being a set of links in the chain. The courses have the similar-8 configuration. The average dimensions of these courses are 150 feet at the longest axis and 80 feet at the widest axis with a track width of 15 feet (see Figure 3a).

The driver-training courses NW of the airfield are comprised of figure-8 courses intermingled with a possible terrain driver-training and vehicle testing course. The figure-8 courses have the similar-8 configuration and the average dimensions are 130 feet at the longest axis and 75 feet at the widest axis with a track width of 15 feet (see Figure 3b).

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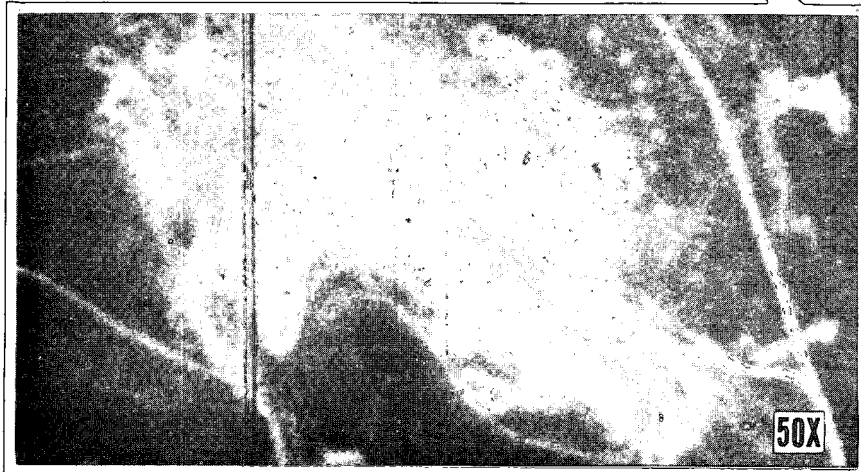
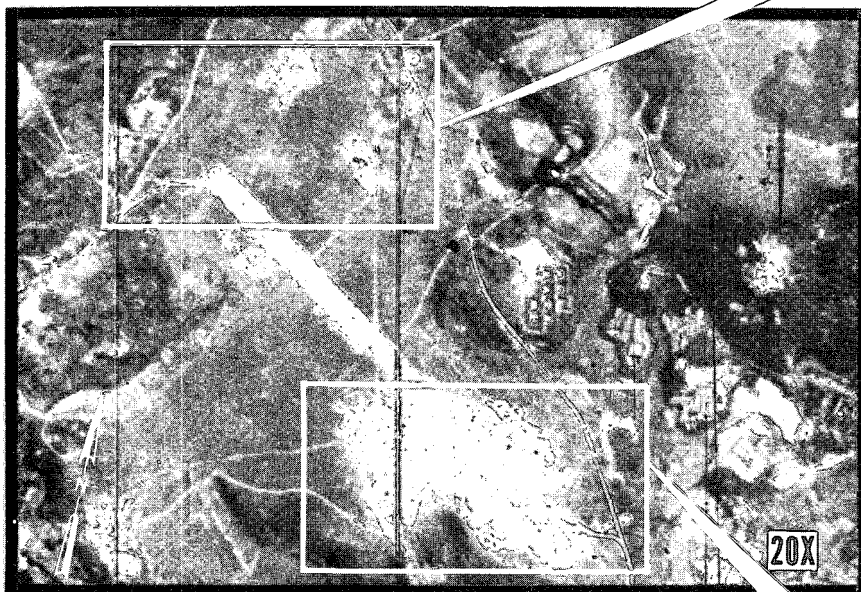
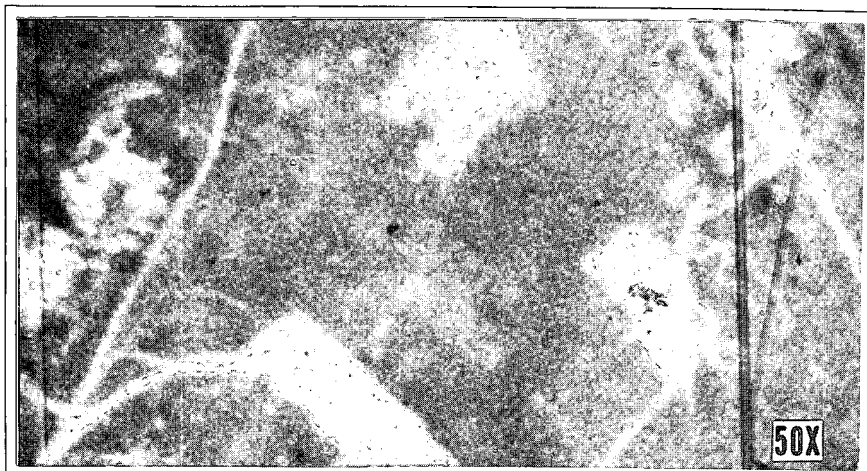
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FIGURE '8' DRIVER TRAINING COURSES SON TAY, NORTH VIETNAM 21 06N 105 28E



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FIGURE '8'

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FIGURE '8' DRIVER TRAINING COURSES SON TAY, NORTH VIETNAM 21 07N 105 27E

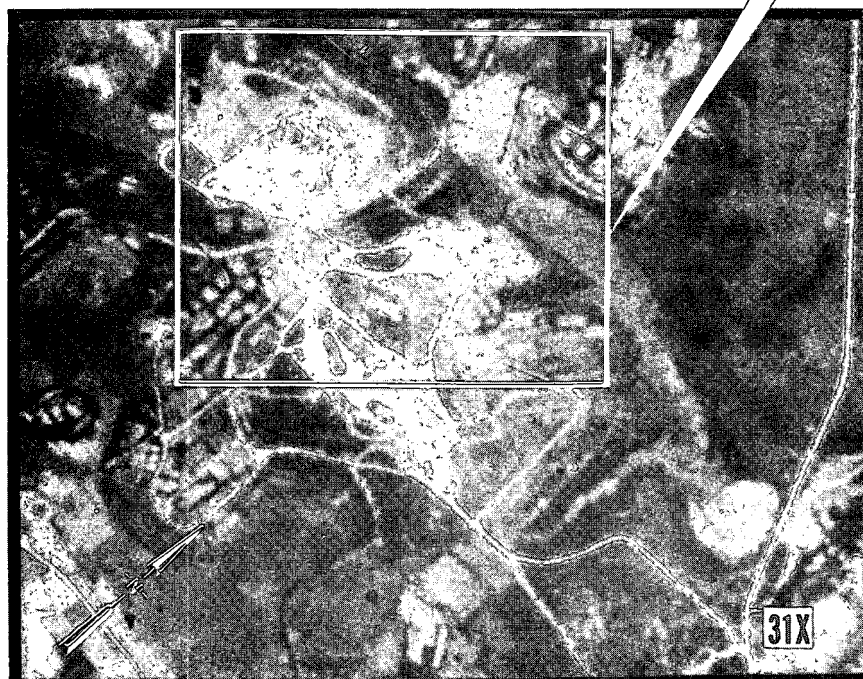
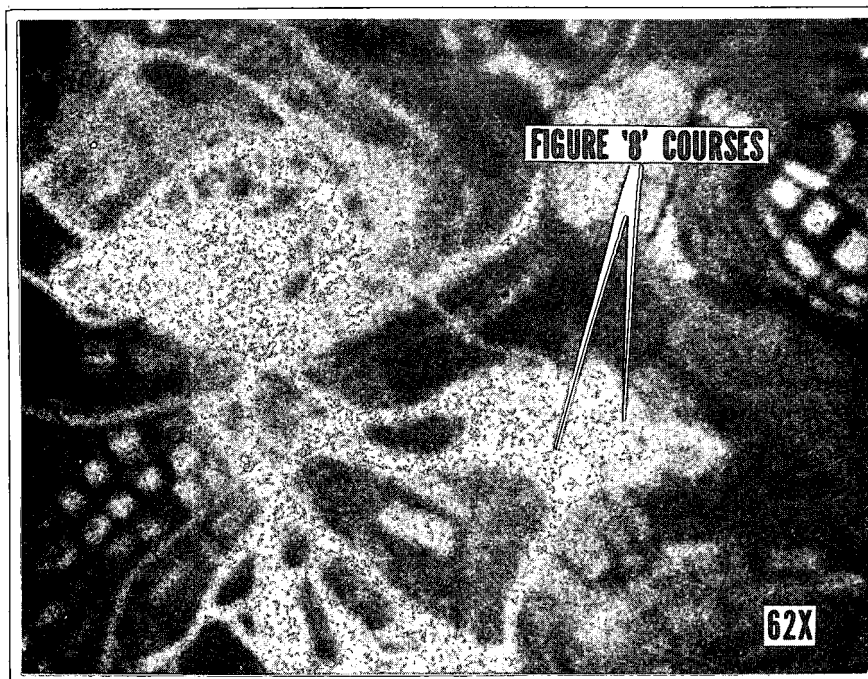


FIGURE 3b

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C. Thai Nguyen Figure-8 Driver-Training Courses (Figure 4)

The Thai Nguyen Driver-Training Courses are located 2.6 nm NE of Thai Nguyen at 21 38N-105 56E.

The driver-training courses are comprised of numerous figure-8 courses intermingled with a terrain driver-training and vehicle testing course. The figure-8 courses, although difficult to identify due to the heavy track activity associated with the terrain course, have the similar-8 configuration. The average dimensions of the courses are 155 feet at the longest axis and 90 feet at the widest axis with a track width of 10 feet.

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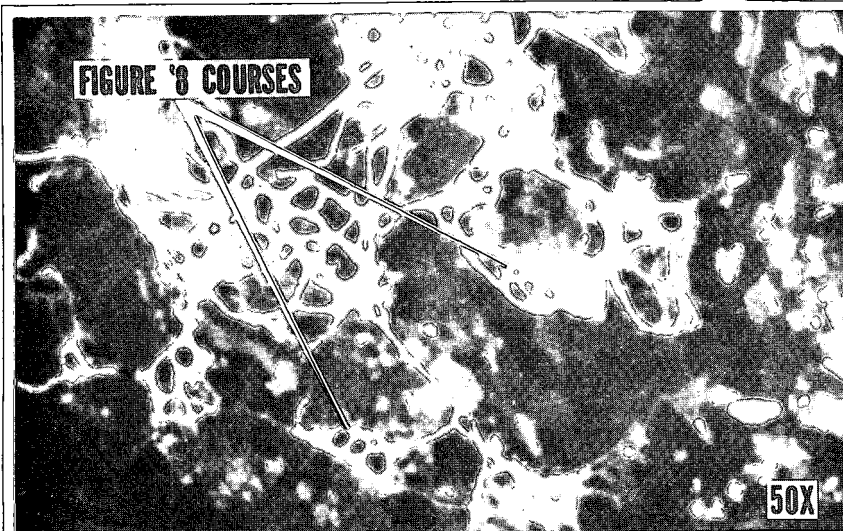
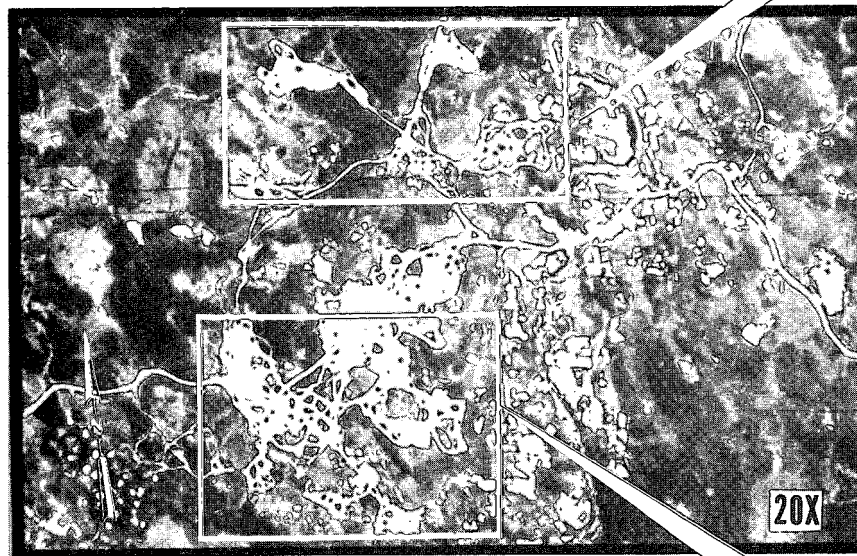
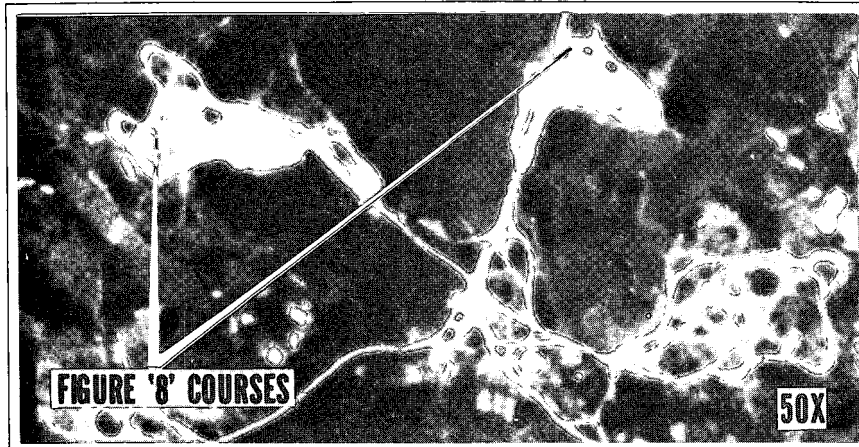
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FIGURE '8' DRIVER TRAINING COURSES THAI NGUYEN, NORTH VIETNAM 21 38N 105 56E



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FIGURE 4

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D. Tien Hoi Figure-8 Driver-Training Courses (Figure 5)

The Tien Hoi Driver-Training Courses are located 17 nm NW of Vinh at 18 56N-105 25E.

The driver-training courses are comprised of 2 figure-8 courses which are possibly associated with an artillery training area nearby. The figure-8 courses, although washed-out due to the muddy ground, have the similar-8 configuration. The average dimensions of the courses are 120 feet at the longest axis and 60 feet at the widest axis with a track width of 10 feet.

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FIGURE '8' DRIVER TRAINING COURSES
TIEN HOI, NORTH VIETNAM
18 56N 105 25E

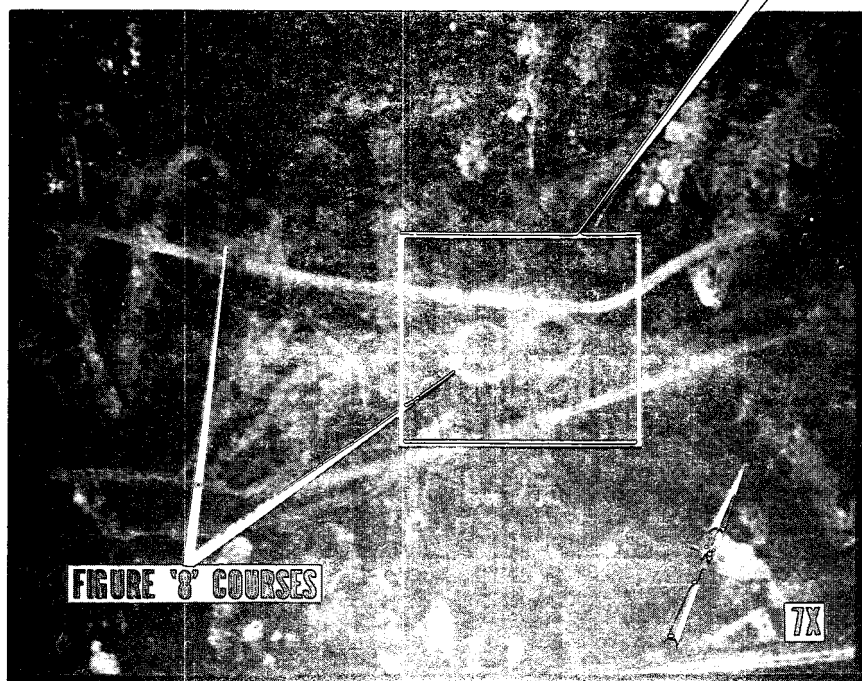
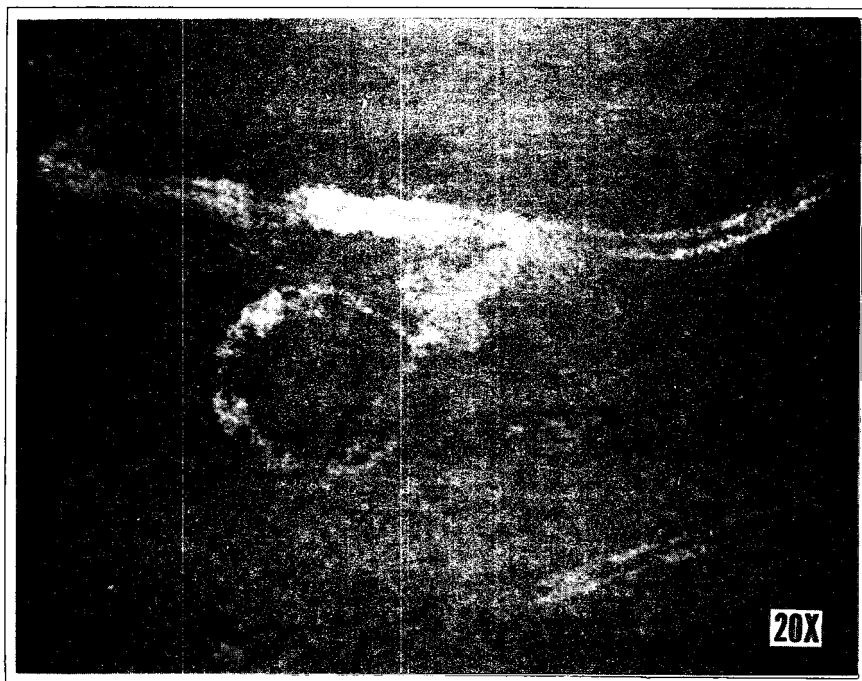


FIGURE 5

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E. Kunming Figure-8 Driver-Training Courses (Figure 6)

Kunming Driver-Training Courses are located on the northern edge of Kunming Airfield at 25 00N-102 40E.

The driver-training courses are comprised of 2 figure-8 courses. There are also several faint outlines of figure-8 courses which, at the time of photography, appear to be in disuse. The 2 figure-8 courses have the similar-8 configuration. The average dimensions of the courses are 175 feet at the longest axis and 80 feet at the widest axis with a track width of 15 feet.

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FIGURE '8' DRIVER TRAINING COURSES KUNMING CHINA 25 00N 102 40E

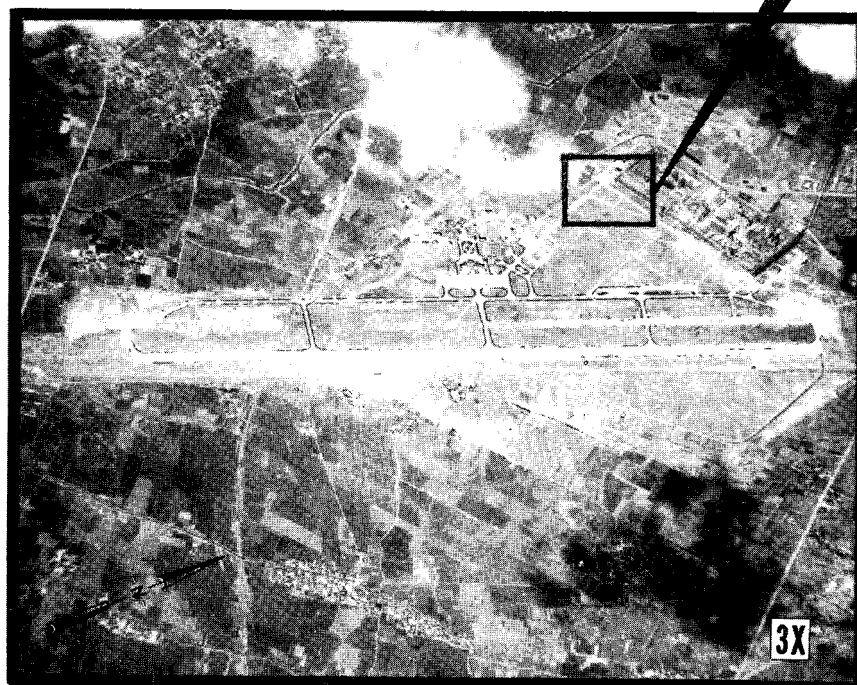
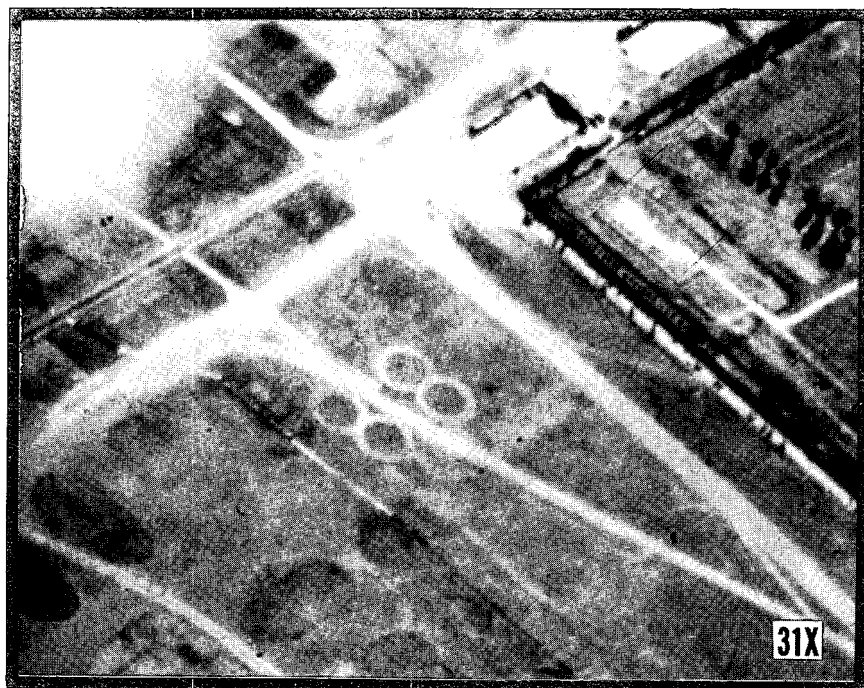


FIGURE 6

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F. Mengtzu Figure-8 Driver-Training Courses (Figures 7a and 7b)

The Mengtzu Driver-Training Courses are located in 2 different locales, one is 1 nm NW of Mengtzu and the second is 9 nm south of Mengtzu. The courses south of Mengtzu are collocated with Mengtzu Airfield at 23 21N-103 24E. The courses NW of Mengtzu are located at 23 26N-103 17E.

The driver-training courses at the airfield are comprised of figure-8's strung in a chain-like manner on the runway. Many of these courses overlap each other. This is probably due to new courses having been run over the older ones. The figure-8 courses have the similar-8 configuration and the average dimensions of these courses are 145 feet at the longest axis and 70 feet at the widest axis with a track width of 10 feet (see Figure 7a).

The driver-training courses NW of Mengtzu are comprised of 3 groups of figure-8 courses. No military installations are located in the vicinity; however, the groups are located near a metallurgical plant 6.7 nm NE of the Ko Chiu Tin Mines. The metallurgical plant may have vehicle maintenance and repair as part of its function as evidenced by the elliptical test course located within the plant area. It is possible that these figure-8 courses are also being used for the testing of repaired vehicles in addition to driver-training. The courses have the similar-8 configuration and average dimensions of 130 feet at the longest and 60 feet at the widest axis, with a track width of 10 feet (see Figure 7b).

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FIGURE '8' DRIVER TRAINING COURSES MENG TZU, CHINA

23 21N 103 24E

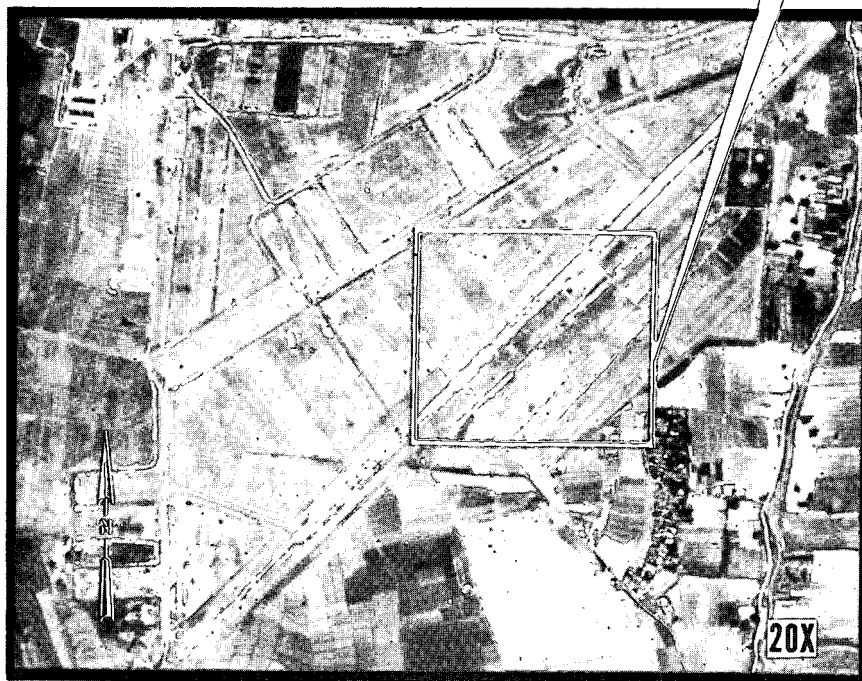
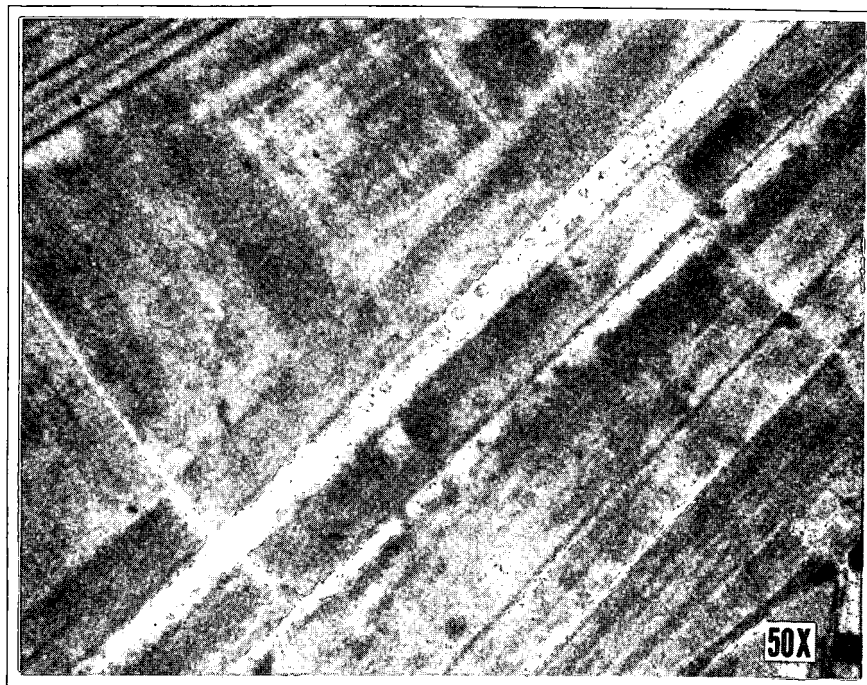


FIGURE 7a

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FIGURE '8' DRIVER TRAINING COURSES MENG TZU, CHINA 23 26N 103 17E

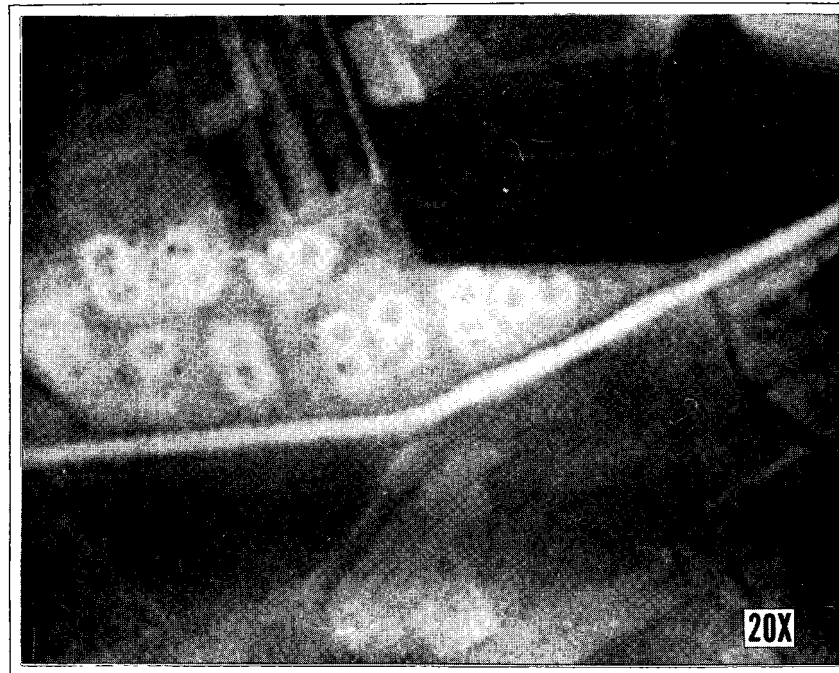


FIGURE 7b

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G. Ping Hsiang Figure-8 Driver-Training Courses (Figure 8)

The Ping Hsiang Driver-Training Courses are located 4.3 nm NE of Ping Hsiang at 22 09N-106 46E and 5.6 nm east of Ping Hsiang at 22 05N-106 51E.

The driver-training course NE of Ping Hsiang is comprised of a figure-8 course. The course has the similar-8 configuration and dimensions of 145 feet at the longest axis and 70 feet at the widest axis with a track width of 10 feet.

The driver-training courses east of Ping Hsiang are comprised of 2 figure-8 courses situated within an elliptical driver-training course. The figure-8 courses have the similar-8 configuration and average dimensions of 145 feet at the longest axis and 70 feet at the widest axis with a track width of 10 feet.

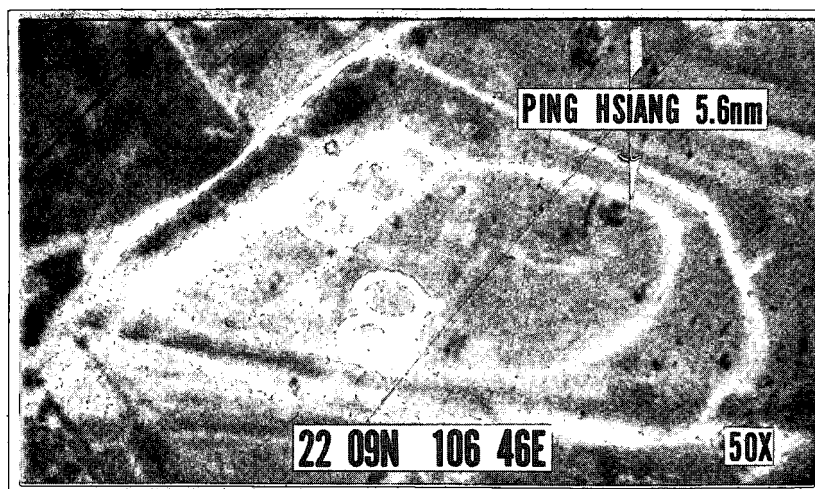
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FIGURE '8' DRIVER TRAINING COURSES PING HSIANG, CHINA



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